MANAGEMENT (MGMT)

MGMT1000 INTRODUCTION TO MANAGEMENT
This informational seminar focuses on student discovery as related to the management discipline, careers, models and theories, and management research techniques. This seminar also introduces students to the concentrations within the management program. In addition, management concepts as they pertain to the field of facilities planning and management will be included (long range planning and development, business continuity/disaster recovery, developing effective service models etc.) The roles and environments of project management will also be reviewed. Prerequisite: enrollment in BFPM or BSM (4 credits) fall

MGMT1010 INTRODUCTION TO PROJECT MANAGEMENT
This course surveys major areas of project management: design processes, scheduling, financing, production, marketing, and distribution. Organizational structures will also be discussed. (4 credits)

MGMT1025 COMPUTER BUSINESS APPLICATIONS
This course covers the implementation of computer programs for several business areas including marketing and accounting. Students will gain intermediate to advanced level word processing, spreadsheets, database, and presentation skills. Students will also gain skills using Web development, project management, and accounting tools. (4 credits) fall

MGMT1500 DECISION ANALYSIS FOR BUSINESS
This course introduces the basic concept of data analysis and approaches to the decision making process. It is designed to provide students with a sound conceptual understanding of the role that management science plays when making decisions. It emphasizes a wide variety of business modeling and application techniques to the solution of business and economic problems. Prerequisite: MATH1000 or MATH1040 (4 credits) fall, spring

MGMT2000 MANAGEMENT INFORMATION SYSTEMS
This course introduces the student to various concepts and considerations involved in the education, design, implementation and operation of Management Information Systems. This is an integrative course that brings together information, computers, and the systems approach. Prerequisite: MGMT1025 (4 credits) fall, spring

MGMT2060 INTRODUCTION TO TECHNOLOGY PROJECT MANAGEMENT
This course traces the development of project management as fundamental to completing projects effectively, delineates the leadership tasks that must be accomplished at each step of a project’s life, and helps the student develop skills and wisdom in making decisions both by learning the ramifications of certain decisions and by seeing how those decisions are made in an example project. (3 credits) spring

MGMT2065 INTRODUCTION TO ENTREPRENEURSHIP
This course provides a basic understanding of the entrepreneurial / innovation process in both small and large businesses. Students discuss the critical role that opportunity recognition / creation plays in that process. Case studies and class exercises assist students in identifying their own personal goals as well as their unique skills and competencies related to the entrepreneurial / innovation process. Students will also examine how entrepreneurs, inventors and investors create, find, and differentiate between money-making opportunities and wishful thinking. (3 credits) spring

MGMT2100 MANAGEMENT COMMUNICATIONS
This course focuses on the development of professional level written and oral communication skills. Students will learn how to conduct a meeting, do an effective oral presentation, write technical descriptions, instructions and reports, and effectively present information to their clients. Standard business formats (memo, letter, etc.) will also be reviewed. Prerequisite: Completion of an English Sequence or enrollment in the Professional Certificate in Project Management (4 credits) fall

MGMT2220 RESEARCH METHODS IN BUSINESS
This course provides prospective managers with an understanding of the skills necessary to make effective use of formal quantitative and qualitative research and analytical processes. Prerequisites: MGMT1010 or MGMT1500 (4 credits) fall

MGMT2300 ORGANIZATIONAL BEHAVIOR
This course is aimed at developing understanding of organizational dynamics so that students can develop lasting strategies and actions that build and sustain high performance in individuals, groups, and organizations. The course also examines what people think, feel and do in organizational settings, focusing on individual, group, and organizational processes. Students are introduced to concepts from a vast array of behavioral sciences, including social, clinical and organizational psychology, sociology, and cultural anthropology. (3 credits)

MGMT2500 SYSTEMS ANALYSIS & DESIGN
The purpose of this course is to provide the student with an introduction to systems analysis and design. Topics include analyzing the business case, requirements modeling, data and process modeling, and development strategies. Students also learn about output and user interface design, data design, systems architecture and implementation, and systems operation, support and security. (3 credits) spring

MGMT2550 APPLIED PROJECT MANAGEMENT
Project management is increasingly important in today's world. This course covers the fundamental concepts and applied techniques for cost effective management of both long-term development programs and short-term projects. Project management principles and methodology are provided with special focus on planning, controlling, and managing projects to successful completion. The topics are divided into two categories: behavioral aspects of a project and the technical components that make up the project. Computer software will be utilized to provide hands-on practical. Mastery of the concepts introduced in this course should give students a significant competitive advantage in the marketplace. Prerequisite: MGMT1025 (4 credits) spring

MGMT2560 CYBERSECURITY LAW AND POLICY
This course examines the various laws - statutes, regulations, case law, administrative, international, and procedural regarding cybersecurity. New cybersecurity law is being developed every day, making it necessary to know not only “settled” cybersecurity law that has been in place for decades, but also where new law (both protections and obligations) is trending in the near future. Criminal and civil legal aspects are discussed. Students will learn how computers and other digital devices can be the tool and target of cybercrimes, including the legal authorities and obligations of both the government and private industry with respect to protecting computers, systems, and networks from attacks and attackers. Finally, students are presented with the necessity of appropriate policy development and enforcement regarding legal and ethical obligations. Prerequisites: COMP2500 (3 credits) fall.
MGMT2600 PROJECT RISK MANAGEMENT
This course offers a new perspective on project risk that centers risk management on building a healthy organizational culture that recognizes risk as the consequence of bad planning. The course will present new insights on building a risk management culture, while focusing on project management selection factors and financial return. (3 credits)

MGMT2650 CYBERSECURITY PLANNING
Cybersecurity requires advanced planning. This course will review the six primary cybersecurity plans: department, risk management, business continuity, governance, legal and communications. Each plan is presented through lecture, discussion and practice on the Wentworth cyber range. For each plan, students will experience the problems inherent in lack of planning, then review the basics of the plan, then experience the benefits of advance planning by running the exercise again on the cyber range, followed by an after-action discussion of the differences between the first and the second exercises. (3 credits)

MGMT2700 FINANCIAL ACCOUNTING
An introduction to the basics of the accounting process. The course covers the basic techniques of analyzing financial transactions, trial balances, and preparation of financial statements. (3 credits) fall, spring, summer

MGMT2750 INTEGRATIVE FINANCIAL ACCOUNTING
This course is an introduction to accounting concepts for business students. The accounting cycle; cash, accrual, and preparation of the financial statements and other methods of income measurement will be covered. Accounts receivable, methods of depreciation and payroll accounting also will be discussed. (4 credits) fall, spring

MGMT2800 CYBERSECURITY MANAGEMENT
This course prepares the student to manage in the cyber domain, primarily within any of the three main cyber areas: private enterprise, public agencies and the military services. No management educational background is presumed; those areas are briefly reviewed. No cybersecurity background is presumed. This course reviews and analyzes the main issues facing managers within the cybersecurity triad/industry today - and identify those that may be important tomorrow as well. Case studies from real managers will be used as the basis for the course. (4 credits)

MGMT2850 PRINCIPLES OF MARKETING
Designed to give the student a broad appreciation of the fundamentals of marketing analysis. Discussions of actual case studies are used to study advertising, personal selling, channels of distribution, marketing research, pricing, new product policy, and the marketing mix. **Prerequisite:** Junior status (4 credits) fall, spring, summer

MGMT3000 MANAGING & LEADING ORGANIZATIONS
This course examines the human aspects of management and is concerned with the ways in which the interactions of members of the management hierarchy contribute to the achievement of organizational goals. The course utilizes both case studies and textual material allowing students to apply management approaches to a variety of management situations and environments. **Prerequisite:** Junior status (4 credits) fall, spring, summer

MGMT3050 LEADERSHIP & MANAGEMENT
This course examines the purpose and design of contemporary organizations, and explores the impact of change in the workplace of the 21st century. Students are introduced to the structures, functions and responsibilities of organizations, including the various roles of managers in the process of organizing human, financial, physical and technical resources to achieve organizational goals. Current theories and methods for effective planning and managing change will be considered. Changing aspects of organizational leadership will be an important aspect of this course, with a particular emphasis on developing a global mindset and managing across cultures. (4 credits)

MGMT3060 TECHNOLOGY ACQUISITION
This course provides a practical project management approach to technology acquisition. The organizational strategic tasks related to technology acquisition and project management are covered. Students will actively participate in a seven-stage project process for technology acquisition, from the initiation phase to the closing operations phase. **Prerequisite:** MGMT2060 (3 credits) fall

MGMT3065 ENTREPRENEURIAL MARKETING
Entrepreneurial marketing reflects an alternative approach to conventional marketing. Marketing is approached as redefining goods and services (and their markets) in ways that produce a competitive advantage through innovative approaches. This course reviews a strategic approach to marketing built around innovation, calculated risk-taking, resource leveraging, strategic flexibility, customer intensity, and the creation of industry change. We will also explore how marketing and entrepreneurship affect one another. Entrepreneurial marketing has been called subversive marketing, disruptive marketing, radical marketing, guerrilla marketing, viral marketing, expeditionary marketing... all constituting an innovative marketing format. These alternative approaches to conventional marketing are brought together in this course as a fundamental shift that redefines the goods and services, as well as the markets themselves, in ways that produce sustainable competitive advantages. This is a strategic type of marketing built around six core elements: innovation, calculated risk-taking, resource leveraging, strategic flexibility, customer intensity, and the creation of industry change. Traditional internal (company) and external (industry / environment) analyses are employed to illustrate the respective impacts on entrepreneurial marketing, as are the traditional stages of enterprise development. The impact of marketing and entrepreneurship on one another is studied as an emerging concept. Managerial challenges confronting marketers in entrepreneurial ventures are discussed. **Prerequisite:** MGMT2065 (3 credits) fall

MGMT3100 E-COMMERCE
Technology has long since impacted the way business is conducted. With the integration of the Internet into our daily lives, organizations now market their products and services differently, creating new revenue models that allow consumers to purchase virtually anything without leaving home. This course will explore the recent phenomenon of e-commerce and what this means for the future of business. Technologies making remote shopping possible will be studied. Students will actively engage through case studies, presentations and lively discussions. **Prerequisite:** Junior Status (4 credits) summer

MGMT3200 ENGINEERING ECONOMY
The study of the effect of the time value of money and tax consequence on the analysis of engineering problems. Areas such as equipment and project costs and investment transactions are included. **Prerequisite:** MATH1000 or MATH1040 or MATH1035 or MATH1750 (3 credits) fall
MGMT3250 MANAGERIAL ACCOUNTING
The course deals with cost accounting information and its use in managerial decision-making. Budgets, cost behavior, and determination, profit and expense planning, production and materials planning are among topics considered. **Prerequisite:** MGMT2700 or MGMT2750 (4 credits) spring

MGMT3300 PROJECT PLANNING, SCHEDULING & CONTROL
This course will explore a holistic approach to project management. The content deals with planning, scheduling, organizing, and controlling projects. The course includes major topics of project management: strategy, priorities, organization, project tools, and leadership. Primary class emphasis is on the project management process and decision tools available to project managers. (4 credits)

MGMT3360 INTERNATIONAL BUSINESS
The International Business course discusses both the theories and practices of globalization, focusing upon the differences between domestic and international business. Essential managerial issues including but not limited to cultural and societal environment, trade theory, risk, government involvement, entry modes, economic integration, emerging markets, financial institutions, marketing and strategy will be reviewed. Combining lectures, discussions, case studies and examination of scholarly articles, students will develop a strong understanding that prepares them to apply those concepts taught in the classroom. **Prerequisite:** MGMT3000 (3 credits)

MGMT3500 FINANCIAL MANAGEMENT
This course is an introduction to basic financial management. Topics include financial analysis and planning, working capital management, the time value of money, valuation, cost of capital, capital budgeting, dividend policy, different types of securities, short-term and long-term financial decision, and an introduction to international finance and international trade organizations. **Prerequisite:** MGMT2700 or MGMT2750 (4 credits) spring, summer

MGMT3560 GROUP PROCESSES & TEAM BUILDING
The third course in the Technology Project Management concentration provides experiences in applying the theories of group behavior and team building to the analysis of organizational behavior. This is a course on how to create, foster and manage organizations in which people thrive and perform at their best. It assumes that employee and group thriving is the key to project excellence. Students will have the opportunity to share their thoughts, opinions, and experiences with the class, and will also have the benefit of being able to learn from other students. In addition to lecture segments, students will experience the issues that arise when individuals interact in groups. Demonstrations, in-class exercises, and case-based discussions are featured prominently in this course. **Prerequisite:** MGMT2060 (4 credits) spring

MGMT3565 TECHNOLOGY ENTREPRENEURSHIP
This course gives the student a unique understanding of how technology-focused firms are created and provides them with experience commercializing real technologies. Commercialization topics connecting technology and business will be the focus of the class. Topics will include intellectual property, convergence, industry creation, standards, modularity, and strategy. The outcomes will be applied by assessing the commercial potential of real ideas. The final project of student group work will be a business plan or feasibility study for commercializing the new technology. **Prerequisite:** MGMT2065 (4 credits) spring

MGMT3600 LABOR RELATIONS
Current labor law arbitration processes, labor agreements, and the negotiation process are interrelated in actual case studies. Grievance proceedings, wage negotiation, and contract negotiation are treated specifically. **Prerequisite:** Senior status (3 credits) summer

MGMT3625 LABOR RELATIONS (CPCE)
Current labor law arbitration processes, labor agreements, and the negotiation process are interrelated in actual case studies. Grievance proceedings, wage negotiation, and contract negotiating are treated specifically. **Prerequisite:** Senior status (4 credits)

MGMT3650 BUSINESS LAW
This course is designed to give students a basic understanding of the principles of the American legal system. It covers the foundation of the system and treats topics important to business and industry such as: business organizations, contract laws, torts, and commercial transactions. **Prerequisite:** Junior status (4 credits) fall, spring, summer

MGMT3700 HUMAN RESOURCES & LABOR MANAGEMENT
This course surveys what managers need to know about human resource management. The course covers staff planning, recruitment/selection, compensation/benefits, performance management and labor relations. **Prerequisite:** Junior status (3 credits) summer

MGMT3750 PROJECT EVALUATION & PERFORMANCE
This course will explore effective and efficient methods for evaluating project performance. The content deals with measurement of project trends and results through information arising out of the management of the project work breakdown structure. Significant class emphasis is on evaluating project performance measurements applicable to both current project results and future projections to project completion. (3 credits)

MGMT3800 SPECIAL TOPICS IN MANAGEMENT
 Presents topics that are not covered by existing courses and are likely to change from semester to semester. Refer to the Class Schedule for a specific semester for details of offerings for the semester. **Prerequisite:** Junior status (3 credits) summer

MGMT3900 OPERATIONS MANAGEMENT
A study of planning and control methods for industrial and production processes. Typical topics included: scheduling, updating, time-cost analysis, cost control, resource allocation, and the role of personnel in projects. **Prerequisite:** Junior status and MGMT2500 (4 credits) summer

MGMT4000 PROJECT RESEARCH
This course is a preparation for MGMT5500, Senior Project, by having students investigate an approved study topic and plan a project for completion in Senior Project. **Prerequisite:** senior status; **Corequisite:** MGMT4250 (3 credits) spring

MGMT4060 TECHNOLOGY PROJECT MANAGEMENT SEMINAR
Students demonstrate their ability to structure and complete an integrative mini project that identifies and resolves an important technology or technology leadership issues(s). Students report the results of their efforts in written and oral form. **Prerequisite:** MGMT2060 (4 credits) spring

MGMT4100 POWER & LEADERSHIP IN ORGANIZATIONS
This course will provide an overview of approaches to leadership. The relationship between the factors of organization, power, and leadership are considered through provocative analysis. This course will include a combination of lecture, discussion, readings in leadership theory, media, role-play, and self-reflection. **Prerequisite:** Junior status (4 credits) spring
MGMT4150 MARKETING MANAGEMENT
Designed to give the student a broad appreciation of the fundamentals of marketing analysis. Discussions of actual case studies are used to study advertising, personal selling, channels of distribution, marketing research, pricing, new product policy, and the marketing mix. Prerequisite: Fourth-year status (4 credits)

MGMT4165 CREATING NEW VENTURES
This course explores the context, and comprehensive process, of new venture creation. Critical issues of new venture strategy and business planning will be addressed through readings, case analyses, guest speakers, a group project and interactive class discussions. We will review the practical skills necessary for evaluating and creating a new venture, evaluating business opportunities, and building and evaluating new product and business opportunities. Creating New Ventures provides the most practical aspects to complement the theoretical approach of the Introduction to Entrepreneurship course. Prerequisite: MGMT2065 (4 credits) spring

MGMT4250 STRATEGIC MANAGEMENT
This course presents and explains concepts and theories useful in understanding the strategic process. It provides students with the opportunity to apply concepts, skills, and techniques to real-world corporate problems. Prerequisites: MGMT1000 and MGMT3000 and MGMT2850; Corequisite: MGMT3500 (4 credits) spring

MGMT4300 INTEGRATIVE SEMINAR
Integration occurs when one is able to bring unity and coherence to several, distinct elements. The basic goal of the Integrative Seminar is to provide students with an opportunity, singly and in group discussion, to consider how the various functions and skills of management can work together to advance organizations in achieving strategic goals. This seminar will address important linkages among topics and assignments in management courses and show how their combined use makes for a deeper understanding of management success. Prerequisite: senior status (3 credits) spring

MGMT4400 BUSINESS NEGOTIATION PRINCIPLES
Executives, managers and employees are in constant states of negotiation - for ideas, for resources, for budget and for the best people. Successful negotiations require positioning, preparation, commitment, needs assessment, packaging words persuasively, use of negotiation tactics, and thinking on your feet. It is one of the most demanding skills in a manager's tool kit. This course is designed to give students an understanding of the key elements of successful negotiation, and to help develop and enhance negotiation skills through role-play and practice. (3 credits) spring, summer

MGMT5500 SENIOR PROJECT
A capstone course. Students undertake a significant project with faculty guidance. A project presentation is required. Prerequisite: MGMT2600 or MGMT4250 (4 credits) fall

MGMT5505 PROJECT MANAGEMENT CAPSTONE
Students will examine current professional practice through the case study method. Case studies and lectures will be selected to reflect the students' discipline area. This courses focuses on project management concepts, techniques, and practices. Relevant literature and research from related disciplines such as management and communications will be included. Since each project is unique, the particular mix of tools and techniques necessary to effectively and efficiently accomplish objectives will change from project to project. The course deliverable is a significant group report in written and presentation format about a major recognizable project. The development of the assignment is itself designed to require the use and application of project management tools to enhance student understanding. (6 credits)

MGMT5510 CIS SENIOR PROJECT
A capstone course: Students undertake a significant project with faculty guidance. A project presentation is required. Prerequisite: MGMT3000 or MGMT4250 (4 credits) summer

MGMT7000 BUSINESS RELATIONS & HUMAN RESOURCE MANAGEMENT
Global Business Relations and HR Management covers understanding human resources from an enterprise or project portfolio level and how to manage a diverse workforce where managers and employees may be in different countries. This course will include a review of negotiating in different cultures. (3 credits)

MGMT7025 PROJECT SCHEDULING & COST PLANNING
Time and cost, tow of the three most important pillars of project management, are examined in this course. Students will study advanced techniques for planning, managing and controlling both schedules and cost. Topic include managing the critical path, resource leveling, scheduling within constraints, cost estimation methods, break-even analysis, and earned value management. A good project manager will be able to manage risk and scope creep and keep the project on a realistic timeline and budget. Students will utilize well-recognized software, while learning to manage time and cost. (3 credits) fall

MGMT7050 BUSINESS FINANCE & INVESTMENT
This course is designed to develop the financial skills and thought processes necessary to understand and implement financial policy decisions in a global economy and addresses the impact of legal, social, technological and ethical considerations related to the practice of corporate finance. The course stresses effective written and oral communication skills necessary for the design and implementation of financial decisions. (3 credits)

MGMT7100 PROJECT MANAGEMENT APPLICATIONS
Through individual and group activities, including case studies, students will develop skills in using project management tools and techniques. Focus will be on understanding how to develop requirements, monitor progress, make adjustments and successfully meet the business needs of the project. (3 credits)

MGMT7125 RISK MANAGEMENT
This course examines the project risk management process from identification through mitigation. Risk management seeks to increase the likelihood of positive events and decrease the impact of negative events. Project Management Body of Knowledge (PMBOK) Guide lists six risk management processes all of which are studied in this course: risk management planning, risk identification, qualitative risk analysis, quantitative risk analysis, risk response planning, and risk monitoring and control. Prerequisite: MGMT7025 (3 credits) fall
MGMT7150 BUSINESS OPERATIONS & PROCESS MANAGEMENT
Business Operations and Process Management focuses on the set of value-added activities that transform inputs into many outputs through effective planning, scheduling, use and control of resources; includes examination of design engineering, industrial engineering management information systems, quality management, production management, inventory management, accounting, and other functions as they affect the organization, including global logistics and sourcing. (3 credits)

MGMT7200 LEADERSHIP
This course examines the critical roles and functions of leadership with an emphasis on how leaders influence organizational performance and manage change. Topics will include how to set direction, creating a culture of resilience to change, the use of power and influence, and leading and managing in a dynamic environment where the external environmental factors are rapidly changing. (3 credits)

MGMT7225 PROJECT TEAM BUILDING & LEADERSHIP
This course examines the importance of processes of project team building and leadership. Building and leading high-performing project teams is essential to project success. Successful projects depend on the effectiveness of the project team and team leader's ability to motivate and manage the members. Project Team Building and Leadership focuses on team formation and development and motivating team members. Topics include assessing the abilities and effectiveness of team members, team building, leadership, motivation, conflict resolution, and effective actions for developing and utilizing teams and team members. (3 credits) spring.

MGMT7250 STRATEGIC FINANCIAL DECISION MAKING
This course provides the student with a clear understanding of how accounting data is used to communicate financial information to those outside the business unit and the organization and to upper level management. Students learn to evaluate financial issues and become thoroughly familiar with the concepts and mechanics of the balance sheet, income statement, and statement of cash flows. Course emphasis is on using financial data as an effective tool for decision making. Students learn how to present project proposals, financial data, capital plans capital requests, and strategic plans to upper level management. (3 credits)

MGMT7300 ECONOMICS & INTERNATIONAL BUSINESS
This course provides a principles-based approach to understanding the scope, nature, opportunities and challenges involved in conducting business in the global economy. In addition to studying the international economic institutions, the course will cover the topics of international trade, international finance, and regional issues in the global economy. (3 credits)

MGMT7325 AGILE PROJECT MANAGEMENT
This course examines traditional and agile project approaches. When developing a technological solution, many organizations find that the traditional approach to project management is too rigid. In this course, students study the advantages and disadvantages of the traditional and agile project approaches and learn to apply the appropriate project management strategy. Students explore iterative frameworks, such as Scrum, and become well-versed in the process, activities, deliverables, and team roles of agile methodologies. The student will learn and sue appropriate software to manage agile and hybrid projects. Prerequisites: MGMT7025, MGMT7125 and MGMT7225 (3 credits) summer.

MGMT7350 MARKETING MANAGEMENT
From understanding marketing strategy to the fundamentals of the sales and marketing mix (product, price, place of distribution, and promotion), to the tools required for gathering business intelligence, students will learn the key role of technology to marketing in a technical environment. (3 credits)

MGMT7400 EXECUTIVE LEADERSHIP
This course explores the major elements of organizational dynamics from multiple perspectives, including organizational design, work practices and cultural norms, and the relationship between power and influence. Students will evaluate different approaches to designing and implementing organizational change, as well as the role of leadership in contemporary organizations. (3 credits)

MGMT7425 MANAGING TROUBLED PROJECTS
This course examines how project managers identify failing projects and the skills to recover. Students learn the symptoms of a troubled project, how to assess projects, and how to create a recovery process. Being proactive with a challenged project is critical to a project's successful completion. Students explore how to avoid common pitfalls and how to 'fail fast' if the project is destined to fail. Prerequisites: MGMT7025, MGMT7125 MGMT7225 and MGMT7450 (3 credits) summer.

MGMT7450 COMMUNICATION STRATEGIES
Communications Strategies focuses on using oral and written communication skills to advance ideas, agendas, and careers in an organization. Students learn how to "read" their audiences and shape their message accordingly. Students will write executive summaries, full reports, and develop presentations to best communicate their ideas. Through case analysis, written assignments, and personal inventories, students learn to identify and adapt to an organization's overt and covert communication protocols, and to observe the "hidden dimensions" of communication with a culturally and gender diverse workforce. (3 credits)

MGMT7500 QUANTITATIVE METHODS IN FACILITY MANAGEMENT RESEARCH
Introduction to the main quantitative and qualitative research methods as applied to facilities management, including tools, proposal writing, and reports. Emphasis is placed upon research planning and design. Topics to be covered include fundamental methodological approaches, the review and evaluation of existing literature and empirical studies through qualitative and quantitative research methodologies, and the design of the student's individual research project. Special attention will be devoted to defining research problems particular to facilities management and the development of the individual research proposal. (3 credits)

MGMT7525 GLOBAL & VIRTUAL PROJECT MANAGEMENT
The course examines how project managers ethically communicate and manage project teams that are distributed in a single facility, across the globe, or virtually. Course topics include environmental factors; cross-cultural considerations; methods to support geographically dispersed; distributed, or remote teams; traditional vs. virtual project management; navigating obstacles, building trust and related issues; and best practices for organizing and managing virtual and cross-border project teams. Prerequisites: MGMT7225 (3 credits) fall

MGMT7625 MANAGING ERP SYSTEMS
This course introduces students to Enterprise Resource Planning (ERP), a business management model that integrates information from all aspects of the firm; including sales logistics, production/material management, procurement, and human resources. Students to gain an understanding of the importance of the integrated nature of ERP software through case studies and a simulation of a popular ERP application. Prerequisites: MGMT7425 (3 credits) fall
MGMT7725 PORTFOLIO & PROGRAM MANAGEMENT
This course gives students the ability to develop and manage a group of projects and ensure alignment with the business strategy. Managing several diverse projects simultaneously can provide benefits and synergies that one might not get from managing the projects individually. Students gain an understanding of the critical success factors for portfolios and program management and the key metrics to evaluate the performance of a group of projects. Prerequisites: MGMT7425 (3 credits) spring

MGMT7825 M.S. PROJECT MANAGEMENT CAPSTONE
This course is the culmination of the MSPM program. Students demonstrate their ability to integrate information learned and skills developed throughout the program. Where possible, projects will be developed in collaboration with industry partners. Upon completion of this course, students prove that they have the knowledge to lead projects and the skills to lead them to a successful completion. Prerequisites: MGMT7425 (3 credits) spring